

A B S T R A C T

A METHOD OF MANUFACTURING A STRIP OF ELECTRIC CONTACT  
SPRINGS, AND A STRIP OF ELECTRIC CONTACT SPRINGS

ALSTOM

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Invention of Markus KAISER

Peter WAGNER

10 The method consists in using a strip of a  
plastically deformable material which is capable of  
acquiring elastic spring properties after treatment. The  
central portion of the strip is coated in a layer of  
electrically conductive material and then the strip is  
punched so as to obtain springs which are interconnected  
at their ends by two continuous side strips. Thereafter,  
the springs are displaced from the plane of the strip  
being twisted about their respective longitudinal axes,  
and one edge of each spring is folded down as a hem in  
the direction which ensures that the layer of conductive  
material remains on the outside of the fold. Thereafter,  
the strip is subjected to hardening treatment to confer  
elastic properties thereto.